

SECTION 01040
COORDINATION AND SITE CONDITIONS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Requirements for coordinating and phasing the work under the Contract and requirements regarding existing site conditions.
- B. The OWNER will designate an agent or representative for coordination of Contract work.

1.2 JOBSITE COORDINATION

- A. Coordination with Site Operations: The work site is located on an active municipal landfill facility. As a result, all work, including activities associated with the work, shall be coordinated in a manner which conforms with, and minimizes disruptions to, the OWNER's normal operations. At a minimum, this coordination shall include:
 - 1. Maintenance of continuous access to the OWNER's landfilling operations.
 - 2. Conformance with the OWNER's access and security requirements.
 - 3. CONTRACTOR hours of work.
- B. Schedules: Responsibility for timely installation of all materials rests solely with the CONTRACTOR, who shall maintain coordination at all times. The schedule shall take into consideration the requirement to not disrupt OWNER's operations.

1.3 ACCESS ROADS

- A. CONTRACTOR's vehicles and equipment shall access the site via a route approval by the OWNER. CONTRACTOR's vehicles (including delivery vehicles) and equipment shall not travel on any roads other than those approved by the OWNER. Saturday traffic management may be different than the pattern allowed during the work week.
- B. CONTRACTOR shall provide a flag-person for control of traffic and public safety at any location where construction interferes with landfill customer traffic within the facility or when construction traffic might cause a potentially dangerous situation.

1.4 SITE CONDITIONS

A. Information on Site Conditions:

1. General: Information provided by the OWNER regarding site conditions, topography, subsurface information, existing construction of site facilities as applicable, and similar data will be available for inspection at the office of the OWNER upon request. Neither the ENGINEER nor the OWNER assumes any responsibility for its accuracy or completeness or for the CONTRACTOR's interpretation of such information.
2. Field Dimensions: The Drawings accompanying these Specifications indicate generally the design and arrangements of all structures, pipes, liners, accessories, etc., to complete the installation of all systems. The exact location or arrangement of these structures, liners, and pipes, unless otherwise dimensioned, is subject to minor changes necessitated by field conditions and shall be made as required without additional cost to the OWNER. Measurements shall be verified by actual observation at the construction site and the CONTRACTOR shall be responsible for all of the work fitting into place in a satisfactory and workmanlike manner to the approval of the OWNER and ENGINEER.
3. Layout: Dimensions and elevations indicated in layout of existing conditions shall be verified by the CONTRACTOR. Discrepancies between the Drawings, Specifications, and existing conditions shall be referred to the ENGINEER for adjustment before work affected is performed. Failure to make such notification shall place responsibility upon the CONTRACTOR to carry out work in satisfactory, workmanlike manner without impacting the schedule.
4. Controls: The CONTRACTOR shall establish, preserve, and restore at the end of the Contract, all control points and benchmarks, including the property corners.
5. Control Points: Vertical and horizontal survey control points on structures and improvements located in the vicinity of the work are shown on the Drawings.

B. Existing Utilities:

1. Location:
 - a. Known utilities, liners, wells, pipes, and other facilities adjacent to or within the work area are shown on the Drawings. The locations shown are taken from existing records and the best information available from existing utility plans; however, it is expected that there may be some discrepancies and omissions in the locations and quantities shown. Those shown are for the convenience of the CONTRACTOR only, and no responsibility is assumed by either the OWNER or the ENGINEER for their accuracy or completeness.

- b. CONTRACTOR shall exercise reasonable care to verify locations of utilities and facilities shown on the Drawings and to determine the presence of those not shown. Immediate and adjacent areas where excavations are to be made shall be thoroughly checked by visual examination for indications of underground facilities, and also checked with electronic metal and pipe detection equipment. Where there is reasonable cause to verify the presence or absence of an underground facility, the CONTRACTOR shall make exploratory excavations prior to proceeding with major excavation in the area.
- 2. CONTRACTOR's Responsibilities:
 - a. Where the CONTRACTOR's operations could cause damage or inconvenience to telephone, power, water, leachate collection or monitoring, gas collection or monitoring, groundwater monitoring, or other utilities at the site, the CONTRACTOR shall make arrangements necessary for the protection of these utilities and services. CONTRACTOR shall replace existing utilities removed or damaged during construction, unless otherwise provided for in these Contract Documents.
 - b. CONTRACTOR shall be solely and directly responsible to OWNER of such properties for damage, injury, expense, loss, inconvenience, delay, suits, actions, or claims of any character brought because of injuries or damage which may result from construction operations under this Contract.
 - c. Neither the OWNER nor its officers, agents, or representatives shall be responsible to CONTRACTOR for damages as a result of CONTRACTOR's failure to protect utilities encountered in the work.
- 3. Interruption of Existing Utilities Services:
 - a. The CONTRACTOR shall perform the work with a minimum of outage time for all utilities. Interruption shall be at approved sections of the utilities. In some cases, the CONTRACTOR may be required to perform the work while the existing utility is in service. The existing utilities services may be interrupted only when approved by the OWNER and/or other utility company involved. The CONTRACTOR shall notify the ENGINEER in writing at least seven calendar days in advance of the time desired for the existing service to be interrupted. The interruption time shall be kept to a minimum. Depending upon the activities at the facility which require continuous service from the existing utility, an interruption may not be subject to schedule at the time of minimum requirement of demand for the utility.
 - b. The amount of time requested by the CONTRACTOR for interruption of existing utility services shall be as approved by the OWNER.

C. Interfering Structures:

1. The CONTRACTOR shall take necessary precautions to prevent damage to existing structures whether on the surface, aboveground, or underground. An attempt has been made to show major structures on the Drawings. While the information has been compiled from the best available sources, its completeness and accuracy cannot be guaranteed.
2. The CONTRACTOR shall protect existing structures, including groundwater and gas monitoring wells and gas extraction wells, from damage, whether or not they lie within limits of disturbance. Where existing structures must be removed to properly carry out work or are damaged during work, the CONTRACTOR shall restore them to original condition or as otherwise directed by the OWNER.

D. Monuments and Markers: The CONTRACTOR shall preserve and protect survey monuments and markers throughout construction. If damage occurs or removal becomes necessary, he shall immediately notify the OWNER and restore monument or marker to original condition.

E. No construction traffic is allowed on Route 621 one hour before and one hour after school opens and closes. **Therefore, no construction traffic will be allowed on Route 621 during the periods of 7:30 a.m. to 8:30 a.m. and 3:20 p.m. to 4:20 p.m. on school days. No construction work shall be done on school property from 7:30 a.m. to 8:30 a.m. and from 3:20 p.m. to 4:20 p.m. on school days.**

1.5 CLEAN-UP DURING CONSTRUCTION

During the construction period, the CONTRACTOR shall:

1. Clean up all waste materials, rubbish, and debris resulting from CONTRACTOR's operations weekly, or at such frequencies as required by the OWNER.
2. Place waste materials, rubbish, and debris in area designated by the OWNER.
3. Oversee cleaning and ensure site is maintained free from accumulations of debris.
4. Clean up all spills of fuel or engine fluids from CONTRACTOR's equipment at the landfill. Soil with evidence of petroleum substances will not be acceptable as fill on the site and shall be removed from the site by the CONTRACTOR and disposed of according to federal, state, and local regulations at CONTRACTOR's expense.
5. At reasonable intervals, minimum once a week, clean up construction site and access haul roads and dispose of debris at the active face.

6. Be responsible for procuring permits for hauling and dumping rubbish, waste materials, and debris from site to area approved by local authorities.
7. Do not allow waste materials, rubbish, or debris to accumulate and become unsightly or hazardous.

1.6 CLEAN-UP AFTER CONSTRUCTION

After the construction period, the CONTRACTOR shall:

1. Clean up all waste materials, rubbish, and debris resulting from CONTRACTOR's operations.
2. Place waste materials, rubbish, and debris in area designated by the OWNER.
3. Check dams and silted channels shall be cleaned out or removed as directed by the OWNER.

1.7 DELIVERY AND STORAGE

- A. Storage of materials and equipment in conjunction with this Contract is the responsibility of the CONTRACTOR. Materials and equipment shall be stored within the Limits of Disturbance or in the CONTRACTOR staging areas. The CONTRACTOR is responsible for security of the site and for protection from the environment. Provide fencing or other security measures. Coordinate storage areas with the ENGINEER. Do not damage pavement or other improvements. Restore all disturbed areas to original condition upon completion of work.
- B. Materials determined to be damaged or defective by the ENGINEER shall be replaced or repaired at no additional cost to the OWNER.
- C. Hazardous material brought to the site by the CONTRACTOR shall be accompanied by a Material Safety Data Sheet, Form OSHA-20 or DD Form 1813, pursuant to Federal Standard No. 313A (or latest revision thereof). Provide a copy of this document to the ENGINEER.
- D. The CONTRACTOR is responsible for receipt and transportation. All shipments to the project site shall be addressed to the CONTRACTOR and not the OWNER.

1.8 CODE COMPLIANCE

- A. The CONTRACTOR shall comply with all applicable County of Loudoun, Commonwealth of Virginia, and Federal regulations, ordinances, and laws. All violations shall be corrected as soon as possible, not later than 24 hours from receipt of notice of violation.

- B. The CONTRACTOR is responsible for ensuring that necessary inspections are made regarding Loudoun County ordinances. It is the CONTRACTOR's responsibility to ensure that inspections are requested in a timely manner and that the inspections are made and approvals granted.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION